

# **WATER QUALITY PROGRAM REPORT**

*1999 - 2000*

*Manitoba Conservation  
Parks and Natural Areas  
Park Districts  
March 2000*

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Water Quality Program  
Inspector*

## WATER QUALITY PROGRAM REPORT

1999

### BACKGROUND

*The intent of the Water Quality Program is to improve and preserve the water quality in Provincial Park lands by ensuring that lotholders and property owners in Provincial Parks have installed, operated and maintained proper Sewage and Sullage containment and disposal facilities.*

*All Private Sewage Disposal Systems must conform to Manitoba Environment Regulation 95/88R. These have been incorporated in the Cottager's Handbook, which is available at District Offices within Provincial Parks.*

*The Park Districts Section is responsible for inspections related to Vacation Home Lease applications and renewals, and Lot Development inspections related to Site Plan Permits and Building Permit applications.*

*In October of 1999, Manitoba Conservation was created by a new administration. This new Department is made up of the former Natural Resources, Environment and Petroleum and Energy.*

## **PRIVATE WASTE DISPOSAL INSPECTION PROGRAM**

*The 1999/2000 field inspection program commenced on April 28, 1999 and concluded on November 22, 1999. Inspections were carried out for the following:*

- Lease Applications*
- Lease Renewals*
- New Sewage Disposal Systems*
- Upgrading existing Sewage Disposal Systems*
- Re-inspections as a result of Non-Compliance Notices*
- Commercial and Non-Profit Organizations*
- Inventory Verification on Vacation Home Lots*
- Lot development inspections (Building Permits)*
- Private Waste Disposal Inspections*

*To date, all cottage lots have been inspected in all Provincial Parks. A re-inspection of cottage lots was begun this summer in the Whiteshell Provincial Park. To date, Falcon Lake, Eleanor Lake, Otter Falls; Dorothy Lake, Nora Lake, Florence Lake, George Lake and Remote Cottages in Nopiming Park sub-divisions have been completed. This inspection program will be continued to include all cottages within Provincial Parks in the next few years..*

*A breakdown of various inspections and information visits is provided in Appendix "A"*

## PRIVATE SEWAGE DISPOSAL SYSTEMS

In May of 1991, the Department of Environment designated the Water Quality Program Inspector as an Environment Officer to administer and enforce the "Private Sewage Disposal Systems and Privies Regulation" ( MR95/88R ) within Provincial Parks. At present, Park Districts section provides the following services:

### *Whiteshell Park*

*Information Visits  
Location Approvals  
Soil Inspections  
Installation Inspections  
Lease Inspections (Application and Renewal)  
Issue Registrations  
Issue Installation Permits  
Commercial Inspections*

### *Nopiming, Grand Beach, Grindstone and Moose Lake Parks*

*Information Visits  
Lease Inspections (as above)  
Installation Inspections  
Soil Inspections  
Issue Registrations  
Issue Installation Permits  
Commercial Inspections  
Location Approvals by Natural Resource Officers*

### *In all other Parks*

*Lease Inspections (as above)  
Issue Installation Permits  
Commercial Inspections  
Location Approvals by Natural Resource Officers  
Registration by Public Health Inspectors*

For Installation of a Private Sewage Disposal System within provincial parks the following is required:

- Application for Installation of Private Sewage Disposal System
- Registration Form for a Private Sewage Disposal System

The above are completed by the cottager and submitted to the district office for location approval. In Parks other than the Whiteshell, location approval is provided by the Natural Resource Officer. For Applications in Whiteshell, Grand Beach, Nopiming, Grindstone and Moose Lake Parks, Registrations and Installation Permits are issued by Parks. In all other Parks, Registrations are issued by Environment Division and Installation Permits are issued by Parks. If a variance to the Environment Regulation is required, a request by the cottager should accompany application forms. This will then be dealt with by Parks and Environment staff.

Installation Permits and Registrations issued are provided in Appendix " B "

## PUBLIC WATER SYSTEMS AND SAMPLING REPORTS

*This program was started in the Whiteshell in 1990 and expanded in 1991 to cover all public water systems within provincial parks. The goal of this program is to have the districts sample all public water systems on a bi-weekly basis. These samples are then submitted to the Enviro-Test Laboratory in Winnipeg for analysis. The results are then returned to the district, who in turn submit copies of the results to Parks Branch. These results are charted on computer to assist in assessing, planning of treatment and upgrading of facilities as may be required.*

*This program is generally satisfactory, however, in some provincial parks the number of tests undertaken is far below the requirements of the Public Health Act. In particular the number of samples taken during 1999 were less than required at Clearwater Lake Park and Lunder Beach. The 1999 results are provided in Appendix "C". The results of sampling at Brereton Lake Campground and White Lake Campground in the Whiteshell Provincial Park, Paint Lake Provincial Park and St. Amroise Park indicate that the raw water supply has high Coliform counts and is causing difficulties in providing potable water to users. This will need to be addressed for future use of these systems.*

*In 1999/2000 a total of \$ 335,300.00 was allocated to upgrade, replace or repair Public Water Supply systems within Provincial Parks. This work consisted of various projects including new systems, such as the new pumphouse at Opapiskow Campground, overhauling equipment in existing systems, repair/replace distribution lines, new wells, new standpipes, replace fittings in existing systems, microbiological water testing and preparation of operating manuals for water systems.*

*The objective of bacteriological testing for the routine examination of potable water supplies is to determine compliance with accepted water quality standards. All samples should have a negative total coliform reading, reported as "<1 (less than 1)" if water supply is treated with chlorine. In untreated water supply systems (i.e. Hand Pumps), the following is a general course of actions taken in the event that positive coliform readings are received*

*If coliform reading is between 2 - 10, system is placarded with a warning that water should be Boiled before consumption.*

*If coliform reading is greater than 10, the system is closed and the well is cleaned and treated with chlorine and re-sampled. If re-sample result is within guidelines, the system is put back into service.*

*The Department has removed a number of Hand Pumps in the Whiteshell Park and replaced them with Pressurized and Treated water supply systems in the past few years.*

### PUBLIC SEWAGE DISPOSAL FACILITIES

*In 1999/2000 a total of \$ 270,300.00 was allocated to upgrade, repair or replace Public Sewage Disposal Systems within Provincial Parks. This work consisted of various projects including constuction of new facilities, design of new consolidated facilities, lift stations, holding tanks, sewage pumps and controls, truck dump chutes at sewage lagoons, temporary wet pits to accomodate overflow, sewage line replacements, repairs, inspections, chemicals for treatment, fencing, sludge removal and closing of wet pits as required. Sewage lagoons were tested and discharged as per operating procedures of Environment Division.*

### SOLID WASTE DISPOSAL SITES

*In 1999/2000 various waste Disposal sites were closed and replaced with Transfer Station. These locations are manned and operated on a set schedule. All materials are now being deposited in a specific area of the site, as per instructions from the operator.*

*The North end of Whiteshell Provincial Park has entered into a Regional Waste Disposal agreement with Whitemouth/Reynolds at this time and the South Whiteshell has entered into an agreement to haul waste to Steinbach Waste Disposal Site. Other cottage Sub-divisions within Provincial Parks are investigating the feasibility of entering into similar agreements.*

*In 1999/2000, a total of \$ 416,900.00 was allocated to replace/upgrade and provide for annual maintenance of Solid Waste Disposal Sites within Provincial Parks. Major projects were continuing construction of Transfer Stations and the closing and rehabilitating of Waste Disposal Sites and costs associated with hauling Solid waste to designated Sites.*

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# PRIVATE WASTE DISPOSAL PROGRAM INSPECTION REPORT

1999

SUB-DIVISION	PLAN	#	PIT	VAULT	HOLD	SEPTIC TANK	MODIFIED	SULLAGE	NON-
		COTTAGES	PRIVY	PRIVY	TANK	& FIELD	SYSTEM	PIT	COMPLIANCE
FALCON LAKE									
NORTH SHORE	1903	200	71	3	54	32	46	132	6
SOUTH SHORE	1903	446	188		200	150	66	234	16
REMOTE	1903								
<b>SUB-TOTAL</b>		<b>646</b>	<b>259</b>	<b>3</b>	<b>254</b>	<b>182</b>	<b>112</b>	<b>366</b>	<b>22</b>
DOROTHY LAKE									
	7203	3	3		1	1	1	3	0
BLOCK 2	7203	32	20		11	2	10	28	2
BLOCK 3	7203	14	11		5	1	2	9	2
BLOCK 4	7203	25	18		6	5	11	14	5
<b>SUB-TOTAL</b>		<b>74</b>	<b>52</b>		<b>23</b>	<b>9</b>	<b>24</b>	<b>54</b>	<b>9</b>
OTTER FALLS									
BLOCK 1	6890	14	9		5	0	8	18	2
BLOCK 2	6890	17	13		8	0	9	12	1
BLOCK 3	6890	20	15		6	2	3	13	1
BLOCK 4	6890	16	6		7	2	5	11	1
BLOCK 5	6890	15	7		3	2	9	10	0
PRIVATE LAND	28258	18	5		8	7	2	8	0
<b>SUB-TOTAL</b>		<b>100</b>	<b>104</b>		<b>37</b>	<b>13</b>	<b>36</b>	<b>72</b>	<b>5</b>
ELEANOR LAKE									
BLOCK 1	7205	23	12		7	3	7	13	1
BLOCK 2	7205	12	8		5	2	4	10	0
BLOCK 3	7205	17	7		5	0	10	14	1
<b>SUB-TOTAL</b>		<b>52</b>	<b>27</b>		<b>17</b>	<b>5</b>	<b>21</b>	<b>37</b>	<b>2</b>
NORA LAKE	1959	20	15				1	13	7
FLORENCE LAKE	1959	30	27					27	9
GEORGE LAKE	VARIOUS	11	10					2	6
<b>SUB-TOTAL</b>		<b>61</b>	<b>52</b>				<b>1</b>	<b>42</b>	<b>22</b>
<b>TOTAL</b>		<b>933</b>	<b>494</b>	<b>3</b>	<b>331</b>	<b>209</b>	<b>194</b>	<b>591</b>	<b>60</b>

# INSPECTION PROGRAM SUMMARY

1999

## PRIVATE WASTE DISPOSAL INSPECTIONS

YEAR	# Inspections	Pit Privy	Vault Privy	Holding Tank	# Registered	Septic Tank & Field	# Registered	Modified Systems	# Registered	Sullage Pits	Non-Compliance
1988	455	331	10	143	64	225	19			285	72
1989	355	219	2	94	61	107	18	106	24	176	35
1990	1043	792	3	316	240	135	30	309	117	663	166
1991	600	521	3	158	97	58	8	202	83	375	95
1992	337	280	2	87	35	39	16	105	23	195	42
1993	449	244	5	148	26	35	2	41	6	204	74
1994	596	383	8	370	120	18	4	54	11	284	99
1995	540	291	18	387		16		2		64	80
1996	316	177	11	203				1		65	40
1997	811			555						183	145
1998	0	0	0	0	0	0	0	0		0	0
1999	933	494	3	331		209		194		591	60
<b>TOTAL</b>	<b>6435</b>	<b>3732</b>	<b>65</b>	<b>2792</b>	<b>643</b>	<b>842</b>	<b>97</b>	<b>1014</b>	<b>264</b>	<b>3085</b>	<b>908</b>

## OTHER INSPECTIONS

YEAR	Building Permits	Information visits	Location Approval	Soil Inspection	Installation Inspection	Lease Inspection	Other	Commercial	Re-Inspection	Complaint	Total
1988	139						30				169
1989		142	105	51	114	11	23	8	141		595
1990		102	145	57	166	17	20	1	119		627
1991		147	121	50	190	2	544	8	174		1236
1992		88	122	25	119	223	628	19	146	19	1389
1993		129	126		107	209	16	7	104	25	723
1994		102	87		86	188	32	16	138	16	665
1995		96	104	53	105	89	27	12	261	15	762
1996		77	59	17	74	150	27	8	99	21	532
1997		48	50	18	77	1516	34	5	90	12	1850
1998		106	100	29	92	351	14	9	309	21	1031
1999	167	94	112	33	100	298	30	5	374	23	1236
<b>TOTAL</b>	<b>306</b>	<b>1131</b>	<b>1131</b>	<b>333</b>	<b>1230</b>	<b>3054</b>	<b>1425</b>	<b>98</b>	<b>1955</b>	<b>152</b>	<b>10815</b>

# YEAR-END INSPECTION REPORT

1999

SUB-DIVISION	Building Permits	Information Visits	Location Approval	Soil Inspection	Installation Inspection	Lease Inspection	Other	Complaint	Commercial	Re-Inspection	Total
FALCON LAKE	48	22	20	8	16	87	4	1		19	225
BARREN LAKE		1	0	0	0	0	0	0		1	2
STAR LAKE	6	3	3	1	1	11	3	0	1	4	33
WEST HAWK LAKE	17	13	7	5	6	28	5	4		7	92
CADDY LAKE	3	4	4	1	3	8	0	1		2	26
BRERETON LAKE	23	9	6	3	8	17	3	2		5	76
RED ROCK LAKE	5	1	2	1	1	12	0	1	1	1	25
WHITE LAKE	4	2	2	1	1	6	1	1		3	21
JESSICA LAKE	1	1	0	0	0	11	0	0		2	15
WHITESHELL LAKE	8	4	6	2	6	16	2	0		1	45
BETULA LAKE	17	3	4	2	4	8	1	0		2	41
NUTIMIK LAKE	17	4	5	1	5	9	0	1		6	48
BARRIER BAY	3	0	2	0	2	3	0	1	1	0	12
DOROTHY LAKE	6	3	3	1	3	2	1	4		3	26
OTTER FALLS	4	2	2	0	2	6	0	0		2	18
ELEANOR LAKE	5	1	0	0	0	3	0	0		2	11
POINT DU BOIS		0	2	0	0	9	0	0	1	4	16
NOPIMING PARK		2	2	0	1	16	0	2		58	81
GRAND BEACH		6	13	0	13	12	0	1		137	182
GRINDSTONE/HECLA PARK		6	25	7	25	15	0	1	1	56	136
MOOSE LAKE		0	0	0	0	4	0	0		0	4
DUCK MTNS.		0	0	0	0	0	0	0		6	6
CLEARWATER PARK		1	0	0	0	3	0	3		12	19
BAKERS NARROWS		1	0	0	0	0	0	0		8	9
PAINT LAKE		3	0	0	0	3	10	0		30	46
BEAVER CREEK		0	0	0	0	2	0	0		3	5
TURTLE MTNS.		0	1	0	0	0	0	0		0	1
GEORGE LAKE		0	0	0	0	0	0	0		0	0
NORA LAKE		1	1	0	1	3	0	0		0	6
FLORENCE LAKE		1	2	0	2	4	0	0		0	9
<b>TOTAL</b>	<b>167</b>	<b>94</b>	<b>112</b>	<b>33</b>	<b>100</b>	<b>298</b>	<b>30</b>	<b>23</b>	<b>5</b>	<b>374</b>	<b>1236</b>

# NOTICE OF NON-COMPLIANCE AND ACTIONS

1999

Sub-division	Issued	Completed	In Progress	No Action	2000 Completion
Falcon Lake	22	7	6	9	22
Nora Lake	7	2	4	1	7
Florence Lake	9	2	5	2	9
George Lake	6	1	2	3	6
Eleanor Lake	2	0	1	1	2
Otter Falls	5	0	2	3	5
Dorothy Lake	9	0	3	6	9
<b>TOTAL</b>	<b>60</b>	<b>12</b>	<b>23</b>	<b>25</b>	<b>60</b>

# PRIVATE SEWAGE DISPOSAL SYSTEM REGISTRATION AND INSTALLATION PERMITS ISSUED

1999

SUBDIVISION	HOLDING TANK	SULLAGE PIT	SEPTIC TANK & FIELD	SEPTIC TANK REPLACEMENT	SEPTIC FIELD REPLACEMENT	TOTAL
Falcon Lake	7	3	9	4	0	23
Star Lake	1	1	0	1	0	3
Hunt Lake	0	0	0	0	0	0
West Hawk Lake	10	4	0	0	2	16
Caddy Lake	2	2	0	0	0	4
Brereton Lake	6	0	0	0	0	6
Red Rock Lake	1	2	0	0	0	3
White Lake	0	1	0	0	0	1
Whiteshell Lake	5	2	0	0	0	7
Betula Lake	2	1	0	0	0	3
Nutimik Lake	4	1	0	0	0	5
Barrier Bay	2	0	0	0	0	2
Eleanor Lake	0	0	0	0	0	0
Dorothy Lake	2	0	1	0	0	3
Point du Bois	2	1	0	0	0	3
Otter Falls	1	1	0	0	0	2
Florence Lake	0	2	0	0	0	2
SUB-TOTAL	45	21	10	5	2	83
Moose Lake	0	0	0	0	0	0
Nepimig Park	0	1	0	0	0	1
Grand Beach Park	12	0	0	0	0	12
Grindstone Park *	4	3	0	0	0	7
Burge Lake	0	0	1	0	0	1
Paint Lake Park	0	0	0	0	0	0
Duck Mtns. Park	0	0	0	0	0	0
Turtle Mtns. Park	0	0	1	0	0	1
Clearwater Lake	0	0	0	0	0	0
Hecla Island	12	3	6	0	0	21
SUB-TOTAL	28	7	8	0	0	43
TOTAL	73	28	18	5	2	126

\* - Includes Beaver Creek



**APPENDIX "B"**

*Private Sewage Disposal Systems*

*Registrations and Installation Permits*



# 1999 PRIVATE SEWAGE DISPOSAL SYSTEMS REGISTRATION AND

## INSTALLATION PERMITS ISSUED

DATE	REGISTRATION NO.	PERMIT NO	TYPE	ISSUED TO	LOT	BLOCK/PLAN	SUB-DIVISION	PARK
1999-01-12	99-EF-WP-01	S-1416	H.T./S.P.	I. HODGSON	23	4987	WEST HAWK LAKE	WHITESHELL
1999-01-18	99-EF-WP-02	S-1417	R.S/F,S.P.	G. JOHNSON	1B	16	WEST HAWK LAKE	WHITESHELL
1999-03-10	04B99001	S-1418	S.T./F.	R. PHILLIPS	25	530	MAX LAKE	TURTLE MTN.
1999-03-17	99-EF-WP-03	S-1419	H.T.	PINWOOD LODGE	A	2	DOROTHY LAKE	WHITESHELL
1999-04-06	99-EF-WP-01	S-1420	H.T.	D. FITZJOHN	14	19976	HECLA N.SHORE	HECLA
1999-04-14	99-EF-WP-04	S-1421	H.T.	R. FETTERLEY	4	13	WEST HAWK LAKE	WHITESHELL
1999-04-19	99-EF-WP-05	S-1422	H.T.	M. MURISH	11	1	NUTMIK LAKE	WHITESHELL
1999-04-22	99-EF-WP-06	S-1423	H.T.	C.G.I.T.CAMP	9	7	BRERETON LAKE	WHITESHELL
1999-04-22	99-EF-WP-07	S-1424	H.T./S.P.	R. PENNER	25-15-14E		POINTE DU BOIS	WHITESHELL
1999-04-30	99-EF-WP-08	S-1425	H.T./S.P.	S. DEVAEANE	8	6	WHITESHELL LAKE	WHITESHELL
1999-04-30	99-EF-WP-09	S-1426	S.T./F.	R. KIVES	62	T	FALCON LAKE	WHITESHELL
1999-04-30	99-EF-WP-02	S-1427	H.T./S.P.	J. DZAID	45		HECLA VILLAGE	HECLA PARK
1999-05-04	99-EF-WP-03	S-1428	H.T./S.P.	R. HALFDANSON	47		HECLA VILLAGE	HECLA PARK
1999-05-06	99-EF-WP-01	S-1429	H.T.	P. STANUS	11	21	GRAND BEACH	GRAND BEACH
1999-05-12	99-EF-WP-10	S-1430	H.T.	C. DYRKACZ	9	1	WEST HAWK LAKE	WHITESHELL
1999-05-17	99-EF-WP-11	S-1431	H.T.	B. BACHEWICH	15	11	BRERETON LAKE	WHITESHELL
1999-05-17	99-EF-WP-12	S-1432	H.T.	K. FOGELBERG	11	11	BRERETON LAKE	WHITESHELL
1999-05-17	99-EF-WP-13	S-1433	R./S.T.	B. HAMILTON	2	9	FALCON LAKE	WHITESHELL
1999-05-17	99-EF-WP-14	S-1434	H.T.	D. HAY	2	6	FALCON LAKE	WHITESHELL
1999-05-25	99-EF-WP-15	S-1435	H.T.	G. NORQUAY	44	3	BRERETON LAKE	WHITESHELL
1999-05-25	99-EF-WP-16	S-1436	H.T.	C. JONES	5	7	BETULA LAKE	WHITESHELL
1999-05-25	99-EF-WP-04	S-1437	H.T.	A. CHESSMAN	56	19976	HECLA N.SHORE	HECLA
1999-05-25	99-EF-WP-01	S-1438	H.T.	A. CLARK	15	8	SOUTH BEACH	GRINDSTONE
1999-05-25		S-1439	S.P.	S. REMPLE	4	3	RED ROCK LAKE	WHITESHELL
1999-05-25		S-1440	S.P.	J. PELLAND	10	5	BETULA LAKE	WHITESHELL
1999-05-27	99-EF-WP-17	S-1441	H.T.	B. WAGNER	26	14	BRERETON LAKE	WHITESHELL
1999-05-27	99-EF-WP-18	S-1442	H.T.	A. DOUGLAS	10	2 (5919)	RED ROCK LAKE	WHITESHELL
1999-05-31		S-1443	S.P.	G. CAIRNS	30	1	NUTMIK LAKE	WHITESHELL
1999-05-31		S-1444	S.P.	W. BADICK	1	4	NORTH CLIFFS	GRINDSTONE
1999-06-03	99-EF-WP-05	S-1445	H.T.	R. FREDFINNSON	4	19976	HECLA N.SHORE	HECLA
1999-06-03	99-EF-WP-19	S-1446	H.T.	G. KRANNING	23	4	NUTMIK LAKE	WHITESHELL
1999-06-03	99-EF-WP-20	S-1447	H.T.	N. RIEDIGER	7	6	BRERETON LAKE	WHITESHELL
1999-06-03	99-EF-WP-21	S-1448	H.T.	D. ADAIR	12	HR	WEST HAWK LAKE	WHITESHELL
1999-06-07	99-EF-WP-22	S-1449	H.T./S.P.	D. BRAUN	10	9	WHITESHELL LAKE	WHITESHELL
1999-06-07	99-EF-WP-06	S-1450	H.T.	L. PERRAULT	8	19976	HECLA N.SHORE	HECLA

# 1999 PRIVATE SEWAGE DISPOSAL SYSTEMS REGISTRATION AND INSTALLATION PERMITS ISSUED

DATE	REGISTRATION NO.	PERMIT NO	TYPE	ISSUED TO	LOT	BLOCK/PLAN	SUB-DIVISION	PARK
1999-06-09	99-EF-WP-23	S-1451	R./S.T.	A. DYREGROVE	12	19	FALCON LAKE	WHITESHELL
1999-06-09	99-EF-WP-24	S-1452	H.T.	G. KROFT	70	T	FALCON LAKE	WHITESHELL
1999-06-09	99-EF-WP-25	S-1453	H.T.	I. STEELE	15	1	FALCON LAKE	WHITESHELL
1999-06-18	99-EF-WP-26	S-1454	H.T.	B. REFVIK	39	20	FALCON LAKE	WHITESHELL
1999-06-18	99-EF-WP-27	S-1455	H.T.	B. ANS	10	4	NUTIMIK LAKE	WHITESHELL
1999-06-18	99-EF-WP-07A	S-1456	S.T./F.	C. JOHNSON	42	ECLA VILLAGE	HECLA VILLAGE	HECLA
1999-06-18	99-EF-WP-02	S-1457	H.T.	R. STEWART	16	23	GRAND BEACH	GRAND BEACH
1999-06-23	99-EF-WP-03	S-1458	H.T.	G. ZELENOWICH	5	25	GRAND BEACH	GRAND BEACH
1999-06-23	99-EF-WP-04	S-1459	H.T.	S. JOVAL	2	20	GRAND BEACH	GRAND BEACH
1999-06-25		S-1460	S.P.	T. SOPUCK	13	4	OTTER FALLS	WHITESHELL
1999-06-29	99-EF-WP-28	S-1461	H.T.	R. CHASE	8	28258	DOROTHY LAKE	WHITESHELL
1999-06-30		S-1462	S.P.	T.W. BONE	13	8	CADDY LAKE	WHITESHELL
1999-06-30	99-EF-WP-29	S-1463	S.T./F.	J. RIETMEIER	9B	4	DOROTHY LAKE	WHITESHELL
1999-06-30	99-EF-WP-30	S-1464	H.T.	L. ROCHON	15	19	FALCON LAKE	WHITESHELL
1999-06-30	99-EF-WP-07	S-1465	H.T.	L. KORNELSON	33	19976	HECLA N. SHORE	HECLA
1999-06-30	99-EF-WP-08	S-1466	H.T.	B. DIXON	41	19976	HECLA N. SHORE	HECLA
1999-07-04	99-EF-WP-31	S-1467	H.T.	G. MCCONNELL	31	3	FALCON LAKE	WHITESHELL
1999-07-08	99-EF-WP-05	S-1488	H.T.	G. LEIPZ	9	27	GRAND BEACH	GRAND BEACH
1999-07-19	99-EF-WP-09	S-1489	S.T./F.	G. BARNISH	28	ECLA VILLAGE	HECLA VILLAGE	HECLA
1999-07-21	99-EF-WP-32	S-1490	H.T.	L. KULCZYCKI	17	6	BETULA LAKE	WHITESHELL
1999-07-21	99-EF-WP-33	S-1491	H.T.	A. BOULANGER	5	1	WHITE LAKE	WHITESHELL
1999-07-23	99-EF-WP-06	S-1492	H.T.	P. DALY	15	6	GRAND BEACH	GRAND BEACH
1999-07-30	99-EF-WP-07	S-1493	H.T.	N. TREYTIK	7	13	GRAND BEACH	GRAND BEACH
1999-07-30	99-EF-WP-08	S-1494	H.T.	R. SITARZ	3	11	GRAND BEACH	GRAND BEACH
1999-08-03	99-EF-WP-34	S-1495	H.T.	G. SPOULE	2	M	WEST HAWK LAKE	WHITESHELL
1999-08-03	99-EF-WP-35	S-1496	H.T.	L. BAIZLEY	22	S	WEST HAWK LAKE	WHITESHELL
1999-08-03	99-EF-WP-36	S-1497	S.T./F.	T. MCGRATH	77	T	FALCON LAKE	WHITESHELL
1999-08-03	99-EF-WP-37	S-1498	R./S.T.	E. MURRAY	9	14	FALCON LAKE	WHITESHELL
1999-08-03	99-EF-WP-38	S-1499	H.T.	J. LOUCHAK	44	12	FALCON LAKE	WHITESHELL
1999-08-03	99-EF-WP-39	S-1500	S.T./F.	T. ELIAS	3	15	FALCON LAKE	WHITESHELL
1999-08-03		S-1501	S.P.	G. ROST	77	T	FALCON LAKE	WHITESHELL
1999-08-03	99-EF-WP-10	S-1502	S.T./F.	A. THORARINSON	49	ECLA VILLAGE	HECLA VILLAGE	HECLA
1999-08-03		S-1503	S.P.	J. CHRISTIE	2	2945	WEST HAWK LAKE	WHITESHELL
1999-08-03	99-EF-WP-40	S-1504	H.T.	B. ROSE	15	6	STAR LAKE	WHITESHELL
1999-08-03	99-EF-WP-02	S-1505	H.T./S.P.	R.H. DUNN	9	5	SOUTH BEACH	GRINDSTONE

# 1999 PRIVATE SEWAGE DISPOSAL SYSTEMS REGISTRATION AND

## INSTALLATION PERMITS ISSUED

DATE	REGISTRATION NO.	PERMIT NO	TYPE	ISSUED TO	LOT	BLOCK/PLAN	SUB-DIVISION	PARK
1999-08-03	99-EF-HP-11	S-1506	S.T./F.	P. BENSON	4	EC LA VILLAGE	HECLA VILLAGE	HECLA
1999-08-03	99-EF-HP-12	S-1507	S.T./F.	R. BENSON	2	EC LA VILLAGE	HECLA VILLAGE	HECLA
1999-08-09	99-EF-WP-41	S-1508	H.T.	L. DAVIES	8	11	WHITESHELL LAKE	WHITESHELL
1999-08-09	99-EF-WP-42	S-1509	H.T.	P.M. BRIGGS	15	7	POINTE DU BOIS	WHITESHELL
1999-08-11	99-EF-GBP-09	S-1510	H.T.	D. McDONALD	9	10	GRAND BEACH	GRAND BEACH
1999-08-11	99-EF-GBP-10	S-1511	H.T.	D. McLINTOCK	7	6	GRAND BEACH	GRAND BEACH
1999-08-11	99-EF-GBP-11	S-1512	H.T.	C. JARVIS	23	18	GRAND BEACH	GRAND BEACH
1999-08-13	99-EF-WP-43	S-1513	H.T.	D. DEBETS	2	10820	NUTIMIK LAKE	WHITESHELL
1999-08-17	99-EF-WP-44	S-1514	H.T.	S. BERTZ	36	4	WHITESHELL LAKE	WHITESHELL
1999-08-17	99-EF-WP-45	S-1515	R./S.T.	J. BAKER	24	5	STAR LAKE	WHITESHELL
1999-08-20	99-EF-GP-03	S-1516	H.T.	C. NIEMI	1	3	NORTH CLIFFS	GRINDSTONE
1999-08-20	99-EF-WP-46	S-1517	H.T.	P. McKIMMIE	2	4	DOROTHY Lake	WHITESHELL
1999-08-23	99-EF-GP-04	S-1518	H.T.	E. LEGRAS	5	9	BLACK'S PT. I	GRINDSTONE
1999-08-30	99-EF-BC-01	S-1519	H.T.	D. FAWCETT	22	3	BEAVER CREEK	BEAVER CREEK
1999-08-30	01-TH-99-09	S-1520	ST./F	A. DULEWICH	11	1	BURGE LAKE	BURGE LAKE
1999-08-30	99-EF-WP-47	S-1521	H.T.	I. HOUSTON	2	1	WEST HAWK LAKE	WHITESHELL
1999-08-30	99-EF-GBP-12	S-1522	H.T.	V. KOPYNSKY	23	21	GRAND BEACH	GRAND BEACH
1999-09-02		S-1523	S.P.	J. SAWATSKY	11	4	WHITE LAKE	WHITESHELL
1999-09-02	99-EF-WP-48	S-1524	S.T./F.	D. DOUGLAS	32	12	FALCON LAKE	WHITESHELL
1999-09-02	99-EF-WP-49	S-1525	S.T./F.	W. OLSEN	7	9	FALCON LAKE	WHITESHELL
1999-09-07	99-EF-WP-50	S-1526	H.T.	K. NALY	24	1	BARRIER BAY	WHITESHELL
1999-09-07	99-EF-WP-51	S-1527	S.T./F.	D. ASPER	50	T	FALCON LAKE	WHITESHELL
1999-09-07	99-EF-WP-52	S-1528	S.T./R	A. BENOIT	4	11	FALCON LAKE	WHITESHELL
1999-09-07		S-1529	S.P.	H. DeCUIPERE	6	4	BLACK'S PT. I	GRINDSTONE
1999-09-10	99-EF-HP-13	S-1530	H.T.	L. ROCHE	11	19976	HECLA N. SHORE	HECLA
1999-09-10		S-1531	S.P.	CALVARY TEMPLE YOUTH C	6	6	RED ROCK LAKE	WHITESHELL
1999-09-13		S-1532	S.P.	J. LOAT	42	9	CADDY LAKE	WHITESHELL
1999-09-20		S-1533	S.P.	CARIBOU LODGE			QUESNEL LAKE	NOPIING
1999-09-22	99-EF-WP-53	S-1534	S.T./F.	A. YOUNG		PRIVATE LAND	FALCON LAKE	WHITESHELL
1999-09-22	99-EF-WP-54	S-1535	H.T./S.P	D. KOST	21	S	WEST HAWK LAKE	WHITESHELL
1999-09-22	99-EF-WP-55	S-1536	S.F./R	D. BIEHL	1C	15	WEST HAWK LAKE	WHITESHELL
1999-09-22	99-EF-WP-56	S-1537	H.T.	T. DORSETT	13	6	CADDY LAKE	WHITESHELL
1999-09-22	99-EF-HP-14	S-1538	H.T.	F. MELNYK	15	19976	HECLA N. SHORE	HECLA
1999-10-04	99-EF-HP-15	S-1539	H.T.	D. MARTIN	48	19976	HECAL N. SHORE	HECLA
1999-10-04		S-1540	S.P.	UNIVERSITY OF MAN.	C		STAR LAKE	WHITESHELL

# 1999 PRIVATE SEWAGE DISPOSAL SYSTEMS REGISTRATION AND INSTALLATION PERMITS ISSUED

DATE	REGISTRATION NO.	PERMIT NO	TYPE	ISSUED TO	LOT	BLOCK/PLAN	SUB-DIVISION	PARK
1999-10-19		S-1541	S.P.	R. HALLONQUIST	10	2	WEST HAWK LAKE	WHITESHELL
1999-10-19		S-1542	S.P.	J. ASTWOOD			GEORGE LAKE	WHITESHELL
1999-11-01	99-EF-WP-57	S-1543	H.T.	K. LAING	20	2	BARRIER BAY	WHITESHELL
1999-11-01		S-1544	S.P.	J. PATTERSON	17	1959	FLORENCE LAKE	WHITESHELL
1999-11-01		S-1545	S.P.	W. WELDON	29	17	FALCON LAKE	WHITESHELL
1999-11-08	99-EF-WP-58	S-1546	S.T./R.	M. AULDT	12	9	FALCON LAKE	WHITESHELL
1999-11-08	99-EF-WP-59	S-1547	H.T.	K. HAWKINS	8	8	CADDY LAKE	WHITESHELL
1999-11-15	99-EF-HP-16	S-1548	S.T./F.	G. EYJOLFSON	49	ECIA VILLAGE	HECLA VILLAGE	HECLA
1999-11-17		S-1549	S.P.	G. DUTKO	9	18	FALCON LAKE	WHITESHELL
1999-11-09		S-1550	S.P.	VENTURE TOURS		GULL HARBOUR		HECLA
1999-11-23	99-EF-HP-17	S-1551	H.T.	A. SZUKIEWCZ	65	19976	HECLA N. SHORE	HECLA
1999-11-23		S-1552	S.P.	D. M. GORDON	18	1959	FLORENCE LAKE	WHITESHELL
1999-11-28	99-EF-WP-60	S-1553	S.T./R.	W. ANDERSON	6	6	FALCON LAKE	WHITESHELL
1999-12-07	99-EF-WP-61	S-1554	H.T.	P. ALBRECHTSON	20	12	WEST HAWK LAKE	WHITESHELL
1999-12-09		S-1555	S.P.	R. HALLONQUIST	10	2	WEST HAWK LAKE	WHITESHELL

## LEGEND:

S.P. SULLAGE PIT  
H.T. HOLDING TANK  
S.T./F. SEPTIC TANK & FIELD  
S.T./R. SEPTIC TANK REPLACEMENT  
S.F./R. SEPTIC FIELD REPLACEMENT  
H.T./S.P. HOLDING TANK & SULLAGE PIT

## **APPENDIX "C"**

### **Water Sample Reports**

**< = less than**

**> = greater than**

**o/g = overgrown with other organisms**

**<1 indicates that total coliform is less than 1 part per 100 millilitres**

**>300 indicates that total coliforms exceed 300 parts per 100 millilitres**

**For remedial actions taken, refer to page 4 of this report.**

#### **LEGEND:**

**MW.....MUNICIPAL WELL (HAND PUMP)**

**MP.....MUNICIPAL PRESSURIZED (NON-TREATED)**

**MPC...MUNICIPAL PRESSURIZES (TREATED)**

# MOOSE LAKE WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
ML1MP	PUMPHOUSE AT MAINTENANCE YARD RAW
ML2MW	HAND PUMP BLOCK 14
ML3MW	HAND PUMP AT BOAT LAUNCH
ML4MW	HAND PUMP PICNIC AREA
ML5MW	HAND PUMP EAST OF PICNIC AREA
ML5MP	STAFF HOUSE
BP1MW	HAND PUMP BIRCH POINT

# MOOSE LAKE WATER SAMPLE REPORT

## 1999

SAMPLE	DATE	06-01	06-15	06-29	07-13	07-27	08-10	08-24	09-07
MLIMP									
ML2MW		<1	<1	<1	O/G	<1			
ML3MW		<1	<1	3	O/G	<1	<1	1	<1
ML4MW		<1	<1	<1	<1	<1	<1	<1	<1
ML5MW		<1	<1	<1	<1	38	<1	<1	<1
ML6MW									
BP1MW		<1	6	O/G	O/G	10	<1	4	1

## FALCON LAKE WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
FL1MPC	PUMPHOUSE TREATED
FL2MPC	ADMINISTRATION BUILDING TREATED
FL3MPC	STAFF BUNKHOUSE TREATED
FL4MPC	
FL5MPC	FALCON RESORT TREATED
FL6MPC	SHOPPING CENTER TREATED
FL7MPC	BEACH CAMPGROUND TREATED
FL8MPC	LAKESHORE CAMPGROUND TREATED
FL9MPC	GOLF COURSE TREATED
FL10MPC	TRAILER VILLAGE TREATED

# FALCON LAKE WATER SAMPLE REPORT 1999

SAMPLE	DATE													
	01-20	03-09	03-22	04-06	04-13	05-04	05-18	06-01	06-29	07-12	07-26	08-10	08-23	09-20
1MPC	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2MPC														<1
3MPC		<1												<1
4MPC							<1							
5MPC	<1	<1	<1	<1	<1					<1		<1		
6MPC														
7MPC														
8MPC														
9MPC					<1				<1		<1	<1	<1	
10MPC								<1						

SAMPLE	DATE		12-06	12-13
	12-06	12-13		
1MPC	<1	<1		
2MPC	<1	<1		
3MPC				
4MPC				
5MPC				
6MPC				
7MPC				
8MPC				
9MPC				
10MPC				

## WEST HAWK LAKE WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
WH1MP	MAIN PUMPHOUSE RAW
WH2MPC	MAIN PUMPHOUSE TREATED
WH3MPC	MAIN DISTRIBUTION SYSTEM TREATED
TV4MP	TRAILER VILLAGE PUMPHOUSE RAW
TV5MPC	TRAILER VILLAGE PUMPHOUSE TREATED
TV6MPC	TRAILER VILLAGE DISTRIBUTION SYSTEM TREATED
T7MP	TONIATA BEACH PUMPHOUSE RAW
T8MPC	TONIATA BEACH PUMPHOUSE TREATED
T9MPC	TONIATA BEACH DISTRIBUTION SYSTEM TREATED
C10MP	CADDY LAKE PUMPHOUSE RAW
C11MPC	CADDY LAKE PUMPHOUSE TREATED
C12MPC	CADDY LAKE DISTRIBUTION SYSTEM TREATED
C13MW	MANTARIO TRAIL RAW

## WEST HAWK LAKE WATER SAMPLE REPORT

1999

SAMPLE	DATE	02-08	02-22	03-08	03-22	4-06	04-19	05-03	05-17	05-31	06-14	06-28	07-12	07-26	08-09	08-23	09-06	09-21	10-04
WH1MP		<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
WH2MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
WH3MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TV4MP								<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1
TV5MPC								<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
TV6MPC								<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1
T7MP								<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
T8MPC								<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<1
T9MPC								<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
C10MP								<1	<1	<1	<1	<1	20	<1	<1	<1	<1	<1	<1
C11MPC									<1	<1	2	19	<1	9	12	40	16	13	132
C12MPC									<1	<1	2	1	O/G	<1	<1	<1	1	<1	3
C13MW		<1					<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	30	<1	<1

SAMPLE	DATE	10-19	11-01	11-15	12-13
WH1MP		<1	<1	<1	
WH2MPC		<1	<1	<1	
WH3MPC		<1	<1	<1	<1
TV4MP					<1
TV5MPC					<1
TV6MPC					
T7MP					
T8MPC					
T9MPC					
C10MP					
C11MPC					
C12MPC					
C13MW		<1	<1	<1	

# RENNIE WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
5MW	RED ROCK LAKE HAND WELL
6MW	WHITE LAKE HAND WELL
1MP	BRERETON LAKE S. SHORE PUMPHOUSE RAW
2MPC	BRERETON LAKE S. SHORE PUMPHOUSE TREATED
3MP	BIG WHITESHELL PUMPHOUSE RAW
4MPC	BIG WHITESHELL PUMPHOUSE TREATED
BL1MP	BRERETON LAKE CAMPGROUND PUMPHOUSE RAW
BL2MPC	BRERETON LAKE CAMPGROUND PUMPHOUSE TREATED
BL3MPC	BRERETON LAKE CAMPGROUND (VARIOUS LOCATIONS)
WL1MP	WHITE LAKE CAMPGROUND PUMPHOUSE RAW
WL2MPC	WHITE LAKE CAMPGROUND PUMPHOUSE TREATED
WL3MPC	WHITE LAKE CAMPGROUND (VARIOUS LOCATIONS)
BWS1MP	BIG WHITESHELL CAMPGROUND PUMPHOUSE RAW
BWS2MPC	BIG WHITESHELL CAMPGROUND PUMPHOUSE TREATED
BWS3MPC	BIG WHITESHELL CAMPGROUND (VARIOUS LOCATIONS)

# RENNIE WATER SAMPLE REPORT

1999

SAMPLE	DATE																							
	01-04	01-19	02-01	02-16	03-01	03-15	03-29	04-19	05-03	05-17	06-01	06-22	07-07	08-02	08-15	08-31	09-14	09-27	10-19	11-02	11-23	12-07	12-20	
5MW	<1	<1	<10			<1	<1	<1	<1	7	14	49	<1	3	4	18	18	12	2	10	3			
6MW			<10		<1	1	<1	O/G	29		O/G	2	6	<1	9	<1	1	<1	1	<1	<1	1		
1MP																								
2MPC	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<1	<10		
	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
3MPC	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<10	<1	<10	<1	<1	<1	<1	<1	<10	<1	<1	<10		
4MPC	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		
BL1MP											12	<10	O/G	120	20	6	23							
BL2MPC										<1	<1	<1	O/G	<1	<1									
BL3MPC										O/G	<1	<1	O/G	<1	<1									
WL1MP										3	2	22	60	180	22	11	3							
WL2MPC										<1	<1	O/G	1	<1	16	<1	<1							
WL3MPC										<1	<1		1	<1	O/G	<1	<1							
BWS1MP										2	<10	<1	<10	<10	<1	<1	<1	<1	<1	<1				
BWS2MPC										<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
BWS3MPC										<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1				

# SEVEN SISTERS WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
7AMP	OTTER FALLS CAMPGROUND PUMPHOUSE RAW
7BMPC	OTTER FALLS CAMPGROUND PUMPHOUSE TREATED
9MW	HAND PUMP OTTER FALLS BLOCK 3
10MW	HAND PUMP OTTER FALLS BLOCK 4
12AMP	DOROTHY LAKE PUMPHOUSE RAW
12BMPC	DOROTHY LAKE PUMPHOUSE TREATED
12CMPC	DOROTHY LAKE TRAILER VILLAGE TREATED
12DMPC	DOROTHY LAKE WAYSIDE TREATED
16MW	HAND PUMP NUTIMIK LAKE BLOCK 3
17MW	HAND PUMP NUTIMIK LAKE BLOCKS 3 & 5
18MW	HAND PUMP NUTIMIK LAKE BLOCK 1
20MW	HAND PUMP NUTIMIK LAKE EAST BEACH
20AMP	NUTIMIK LAKE CAMPGROUND PUMPHOUSE RAW
20BMPC	NUTIMIK LAKE CAMPGROUND PUMPHOUSE TREATED
20CMPC	OLD NUTIMIK SEASONAL CAMPGROUND STANDPIPE TREATED
20DMPC	NUTIMIK LAKE CAMPGROUND BLUEBERRY HILL TREATED
20EMPC	NEW NUTIMIK LAKE SEASONAL C/G STANDPIPE TREATED
21MW	HAND PUMP PINE POINT
22AMP	BETULA LAKE CAMPGROUND PUMPHOUSE RAW
22BMPC	BETULA LAKE CAMPGROUND PUMPHOUSE TREATED
22CMPC	BETULA LAKE CAMPGROUND STANDPIPE TREATED
30AMP	OPAPISKOW CAMPGROUND PUMPHOUSE RAW
30BMPC	OPAPISKOW CAMPGROUND PUMPHOUSE TREATED
30CMPC	OPAPISKOW CAMPGROUND STANDPIPE TREATED
33MP	PARK OFFICE RAW
B1MP	BAPTIST CAMP RAW

## SEVEN SISTERS WATER SAMPLE REPORT 1999

[illegible]

# **NOPIMING PARK WATER SAMPLE IDENTIFICATION**

<b>SAMPLE</b>	<b>LOCATION</b>
<b>P1MW</b>	<b>HAND PUMP PINAWA DAMSITE</b>
<b>BL2MW</b>	<b>HAND PUMP BIRD LAKE CAMPGROUND</b>
<b>TF3MW</b>	<b>HAND PUMP TULABI FALLS CAMPGROUND</b>
<b>BL4MW</b>	<b>HAND PUMP BOOSTER LAKE ROAD AND P.R. 315</b>
<b>BL5MW</b>	<b>HAND PUMP BOOSTER LAKE SUB-DIVISION RD.</b>
<b>SL6MW</b>	<b>HAND PUMP SHOE LAKE ON P.R. 314</b>
<b>BL7MW</b>	<b>HAND PUMP BLACK LAKE CAMPGROUND A</b>
<b>BL8MW</b>	<b>HAND PUMP BLACK LAKE CAMPGROUND B</b>
<b>BL9MW</b>	<b>HAND PUMP MANIGOTOGAN CAMPGROUND</b>
<b>BL10MW</b>	<b>HAND PUMP BERESFORD LAKE WAYSIDE</b>
<b>LL11MW</b>	<b>HAND PUMP LONG LAKE P.R. 304</b>
<b>WL12MW</b>	<b>HAND PUMP WALLACE LAKE CAMPGROUND</b>
<b>14MW</b>	<b>HAND PUMP J. BEYETTE</b>

# NOPIMING PARK WATER SAMPLE REPORT

1999

SAMPLE	DATE	05-31	06-14	07-12	07-26	08-09	08-23	
P1MW		<1	O/G	O/G	>200	>200		
BL2MW		<1	<1	<1	31	0	4	
TF3MW		<1	<1	<1	10	0	<10	
BL4MW		<1	<1	<1	16	2	<10	
BL5MW		<1	<1	<1	5	1	<10	
SL6MW		<1	<1	<1	0		<10	
BL7MW		<1	<1	<1	0	0	<10	
BL8MW		<1	<1	<1	0		<10	
M9MW		<1	<1	<1		0		
BL10MW		<1	<1	<1	>200	3	190	
LL11MW		<1	<1	<1	22	22	<10	
WL12MW		<1	<1	O/G	9	0	>10	
14MW		<1						

## BIRDS HILL PARK WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
WS1AMP	WATER SOUTH PUMPHOUSE RAW (WELL A)
WS1BMP	WATER SOUTH PUMPHOUSE RAW (WELL B)
WS2MPC	WATER SOUTH PUMPHOUSE TREATED
WS3MPC	WATER STAND #24 SONG BAY
WS4MPC	WATER STAND #35 OVERFLOW CAMPING AREA
WS5MPC	WATER STAND #55 ASPEN HIKING TRAIL
WS6MPC	WATER STAND #16 GRACKLE BAY
WS7MPC	WATER STAND #54 ASPEN HIKING TRAIL
WN1AMP	WATER NORTH PUMPHOUSE RAW (WELL A )
WN1BMP	WATER NORTH PUMPHOUSE RAW (WELL B )
WN2MPC	WATER NORTH PUMPHOUSE TREATED
WB3MPC	CS10
WN4MPC	WS10
WN5MPC	PUBLIC SHELTER #11
WN6MPC	RIDING STABLE
FF1MP	FOLK FESTIVAL SITE PUMPHOUSE RAW
FF2MPC	FOLK FESTIVAL SITE PUMPHOUSE TREATED
FF3MPC	SOUTH STANDPIPE
FF4MPC	NORTH STANDPIPE
FF5MP	MAINTENANCE YARD RAW
FF6MPC	MAINTENANCE SHOP WASHROOM TAP
FF7MPC	MAINTENANCE SHOP WELDING AREA
DC1MP	GROUP USE AREA II PUMPHOUSE RAW
DC2MPC	GROUP USE AREA II PUMPHOUSE TREATED
DC3MPC	STANDPIPE BETWEEN SITE 6 & 7
DC4MPC	STANDPIPE NEAR PARKING LOT
G1MP	EAST PUMPHOUSE GROUP USE AREA I RAW
G2MPC	EAST PUMPHOUSE GROUP USE AREA I TREATED
G3MPC	PICNIC SHELTER WEST OF PUMPHOUSE
G4MP	WEST PUMPHOUSE GROUP USE AREA I RAW
G5MPC	WEST PUMPHOUSE GROUP USE AREA I TREATED
G6MPC	PICNIC SHELTER N/W OF PUMPHOUSE
G7MPC	PICNIC SHELTER AT CHICKADEE HIKING TRAIL
G8MPC	CEDAR BOG STANDPIPE
HT1MW	HAND PUMP BUR OAK TRAIL
NR1MP	PARK OFFICE NIMOWIN ROAD RAW
NR2MP	PUMPHOUSE NIMOWIN ROAD INTERPRETIVE CENTRE RAW
NR3MP	WEST GATE RAW
NR3AMPC	WEST GATE TREATED
HP1MP	PUMPHOUSE HYLAND PARK RAW
HP2MPC	PUMPHOUSE HYLAND PARK TREATED
SS1MP	SECURITY SITE RAW
DR1MP	DUFF ROBLIN PARK

## BIRDS HILL WATER SAMPLE REPORT

1999

SAMPLE	DATE	01-11	02-16	03-04	03-18	04-07	04-20	05-05	05-19	06-09	06-23	07-08	07-21	08-05	08-31	09-30	12-15
WS1AMP							<1	<1	<1	<1	<1	<1	<1	<1	<1		
WS1BMP							<1	<1	<1	<1	<1	<1	<1	<1	<1		
WS2MPC								<1	<1	<1	<1	<1	<1	<1	<1		
WA3MPC							<1	<1	<1	<1	<1	<1	<1	<1			
WS4MPC																	
WS5MPC																	
WS6MPC								<1	<1	<1	<1	<1	<1	<1			
WS7MPC							<1										
WN1AMP		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
WN1BMP			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
WN2MPC				<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
WN3MPC										<1							
WN4MPC																	
WN5MPC																	
WN6MPC			<1	<1	20		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
FF1MP										<1		<1	<1				
FF2MPC														2			
FF3MPC																	
FF4MPC																	
FF5MP			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	4	19	O/G	
FF6MPC			<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
FF7MPC																	
DC1MP							<1	<1	<1	<1	<1	<1	<1	<1			
DC2MPC									<1	<1	<1	<1	<1				
DC3MPC																	
DC4MPC									<1	<1	<1		<1				
G1MP							<1	<1	<1	<1	<1	<1	<1	<1			
G2MPC								<1	<1	<1	<1	<1	<1	<1			
G3MPC																	
G4MP							<1										
G5MPC									<1	<1	<1	<1	<1	<1			
G6MPC																	
G7MPC									<1	<1	<1	<1					
G8MPC									<1	<1	<1	<1	<1	<1			
HT1MW		<1	<1	<1	<1	<1							<1	<1	<1	<1	
NR1MP																	
NR2MP		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1
NR3MP								<1			<1	<1	<1	<1			
NR3AMPC								<1	<1	<1	<1	<1	<1	<1			
HP1MP																	
HP2MPC								<1	<1	<1	<1	<1	<1	<1			
SS1MP								<1	<1	<1							
DR1MP														<1			

## GRAND BEACH WATER SAMPLE IDENTIFICATION

### SAMPLE      LOCATION

EB1MP.....EAST BEACH PUMPHOUSE #1 (RAW)  
EB2MPC.....EAST BEACH PUMPHOUSE #1 (TREATED)  
EB3MPC.....WATER STAND #30, BAY 11  
EB4MPC.....WATER STAND #16, BAY 16  
EB5MP.....EAST BEACH PUMPHOUSE #2 (RAW)  
EB6MPC.....BEACH CABANA #9  
EB7MPC.....WATER STAND #24, BETWEEN BAYS 3 & 4

WB1MP.....WEST BEACH PUMPHOUSE #3 (RAW)  
WB2MPC.....WEST BEACH PUMPHOUSE #3 (TREATED)  
WB3MPC.....WATER STAND #55 ON FIRST STREET  
WB4MPC.....WATER STAND #43  
WB5MP.....CONCESSION BUILDING #3 PUMPHOUSE (RAW)  
WB6MPC.....WATER STAND #35 (BEACH CABANA #6)

PB1MW.....PATRICIA BEACH FLOWING WELL AT CONCESSION BUILDING  
PB2MW.....PATRICIA BEACH FLOWING WELL AT EAST PARKING LOT

SQ1MP.....STAFF QUARTERS RAW  
SQ2MPC.....STAFF QUARTERS TREATED  
SM1MP.....STAFF MAINTENANCE SHOP RAW

# GRAND BEACH WATER SAMPLE REPORT

## 1999

SAMPLE	DATE	06-01	06-15	06-29	07-13	07-27	08-03	08-10	08-24	09-07	09-21	10-08
EB1MP		<1	<10	<10	<10	<10		<1	<1	<1		
EB2MPC		<1	<1	<1	<1	<1	<1	<1	<1	<1		
EB3MPC		<1	<1	<1	<1	<1		<1	<1	<1		
EB4MPC								<1	<1			
EB5MP								<1	<10	120	<10	
EB6MPC									<1			
EB7MPC												
WB1MP		<10	<1	<10	<10	<1		<1	<10	<1	<10	<10
WB2MPC		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1
WB3MPC		<1	<1	<1	<1	<1		<1	<1	<1	<1	<1
WB4MPC				<10								
WB5MP		<10	<10	<1	<10	<1		<1	<10	<10	<10	<10
WB6MPC		<1	<1		<1	<1		<1	<1	<1	<1	<1
PB1MW			<1		<1			3	10	<1		
PB2MW			<1		2			<1	<1	<1		
SQ1MP		<10	<1	<10	<1	<1		<1	<10	<1	<10	
SQ2MPC		<1	<1	<1	<1	<1		<1	<1	<1	<1	
SM1MP		<10	<1		<1	<1		<1		<1	<10	<1

## ST. MALO WATER SAMPLE IDENTIFICATION

<u>SAMPLE</u>	<u>LOCATION</u>
WP 1 MP	RAW AT WEST PUMPHOUSE
WP 2 MPC	TREATED AT WEST PUMPHOUSE
WP 3 MPC	TREATED AT WASHROOM BETWEEN BAY 1 & 2
WP 4 MPC	TREATED AT WASHROOM SOUTH OF PARK ENTRANCE
EP 1 MP	RAW AT EAST PUMPHOUSE
EP 2 MPC	TREATED AT EAST PUMPHOUSE
EP 3 MPC	TREATED AT WASHROOM BETWEEN BAYS 2 & 3
EP 4 MPC	TREATED AT TAP 15 SOUTH OF BAY 4

# ST. MALO PARK WATER SAMPLE REPORT

## 1999

Sample	DATE	05-19	06-02	06-15	06-30	07-28	08-18
WP1MP		<1					
WP2MPC		<1					
WP3MPC							
WP4MPC							
EP1MP		<1	<1	<1	<1	<1	
EP2MPC		<1	<1	<1	<1	<1	
EP3MPC							
EP4MPC							

POTAGE LA PRAIRIE WATER SAMPLE REPORT

ST. AMBROISE PARK

SAMPLE	LOCATION
SA001.....	PUMPHOUSE
SA002.....	DAY USE AREA
SA003.....	BATHROOM # 3
SA004.....	BATHROOM # 1
SA005.....	BUNKHOUSE

**PORTAGE WATER SAMPLE REPORT**  
**ST. AMBROISE 1999**

SAMPLE	DATE	06-28	07-05	07-12	07-26	08-04	08-09	08-16	08-23	08-29
SA001		12	520	O/G	>200	O/G	<10	1620	210	190
SA002		<1	10	2	>200	O/G	<10	<10	10	220
SA003		10	10	O/G	11	O/G	10	10	210	
SA004			30	O/G	5	O/G	<10	30	140	
SA005		<1								

**INTERLAKE WATER SAMPLE IDENTIFICATION  
LUNDAR BEACH , WPG. BEACH, CAMP MORTON, LAKES ST. GEORGE/ANDREWS  
AND WATCHORN PARK**

**SAMPLE      LOCATION**

LB-1-MP.....LUNDAR BEACH WELL  
LB-2-MP.....TAP AT WELL SITE  
LB-3-MP.....TRAILER DUMP STATION  
LB-4-MP.....STAFF BUNKHOUSE TAP  
LB-1A-MP.....HAND PUMP

LSG-1-MW.....LAKE ST. GEORGE CAMPGROUND  
LSG-2-MW.....LAKE ST. GEORGE COTTAGE AREA  
LSA-1-MW.....LAKE ST. ANDREWS CAMPGROUND  
LSA-2-MW.....LAKE ST. ANDREWS COTTAGE AREA

WB-1-MP.....WINNIPEG BEACH PUMPHOUSE (RAW)  
WB-2-MPC.....WINNIPEG BEACH PUMPHOUSE (TREATED)  
WB-3-MPC.....MARINA OUTLET  
WB-4-MPC.....PARK TAP  
WB-5-MPC.....SINK  
WB-6-MPC.....SINK

CM-1-MP.....CAMP MORTON PUMPHOUSE (RAW)  
CM-2-MPC.....CAMP MORTON PUMPHOUSE (TREATED)  
CM-3-MPC.....FOUNTAIN  
CM-4-MPC.....FOUNTAIN  
CM-5-MP.....HAND PUMP  
HP-1-MP.....HNAUSA PARK FLOWING WELL  
NL-1-MP.....HAND PUMP NORRIS LAKE  
W-2-MP.....WATCHORN PARK  
LC-11MW.....HAND PUMP AT NEW CAMP MORTON CAMPGROUND

# INTERLAKE WATER SAMPLE REPORT

1999

LUNDAR, WINNIPEG BEACH, CAMP MORTON, ST. GEORGE/ANDREWS

SAMPLE	DATE						
	07-11						
LB1MP	<1						
LB2MP	<1						
LB3MP	<1						
LB4MP	9						
LB1AMP							
LSG1MW							
LSG2MW							
LSA1MW							
LSA2MW							
WPG. BEACH							
	DATE						
	05-18	05-31	06-18	06-28	07-15	07-28	08-11
WB1MP	<10	<1	<1	<1	<10	<1	<1
WB2MPC	<10	<1	<1	<1	<1	<1	<1
WB3MPC		<1	<1	<1	<1	<1	<1
WB4MPC							
WB5MPC							
WB6MPC							

CAMP MORTOI	DATE						
	05-18	05-31	06-18	06-28	07-15	07-28	08-11
CM1MP	<10	<1	<1	<1	<10	<1	<10
CM2MPC	<10	<1	<1	<1	<1	<1	<1
CM3MPC	<1	<1	<1	<1	<1	<1	<1
CM4MPC	<10	<1	<1	<1	5	38	16
CM5MP	<10	<1	<1	<1	<1	96	88
CM6MP							
HP1MP	<10	<1	<1	<1	<1	<1	<1
NL1MP	<10	<1	<1	<1	<1	<1	1
WP1MP							
WP2MW	<10						
LC11MW	<10	<1	<1	<1	<1	<1	<1

# INTERLAKE REGION (SELKIRK) WATER SAMPLE IDENTIFICATION

CODE            NC....NETLEY CREEK  
                 KH....KENNEDY HOUSE  
                 MA....MAINTENANCE AREA

SAMPLE            LOCATION

NC-1-MP.....NETLEY CREEK WELL  
NC-2-MPC.....ADJACENT TO WELL HOUSE  
NC-3-MPC.....REPRESENTS TIE-IN TO B-SCHOFIELD'S BUSINESS  
NC-4-MPC.....ADJACENT TO TOILET BUILDING  
NC-5-MPC.....ADJACENT TO PLAY STRUCTURE  
NC-6-MPC.....NORTH END OF PARKING LOT  
NC-7-MPC.....SOUTH END OF PARKING LOT  
NC-8-MPC.....LAST TAP AT SOUTH END OF NETLEY CR. WAYSIDE  
NC-9-MPC.....LOCATION NOT LISTED

KH-1-MP.....KENNEDY HOUSE WELL  
KH-21-MPC.....KITCHEN  
KH-22-MPC.....MEN'S WASHROOM  
KH-23-MPC.....WOMEN'S WASHROOM  
KH-24-MPC.....UPSTAIRS QUARTERS  
KH-26-MPC.....OUTSIDE TAP

MA-1-MP.....WELL ADJACENT TO BUILDING  
MA-21-MP.....WASHROOM  
MA-22-MP.....UTILITY AREA  
MA-3-MP.....OUTSIDE TAP

KC-23-MP.....UTILITY AREA

# **SELKIRK WATER SAMPLE REPORT** **1999**

SAMPLE		DATE	06-16	07-02	07-14	07-29	08-20	09-01
NETLEY CREEK								
NC1MP		<1	<1	<1	<1	<1	<1	
NC2MPC			<1	<1	<1	<1	<1	
NC3MPC			<1					
NC4MPC			<1					
NC5MPC			1					
NC6MPC			<1					
NC7MPC			<1					
NC8MPC			<1	<1	<1	<1	<1	
NC9MPC			<1					
KENNEDY HOUSE								
KH1MP		<1	<1	<1		1	<1	
KH11MPC		<1	<1					
KH21MPC		<1	<1	<1	<1	<1	<1	
KH22MPC		<1	<1					
KH23MPC		<1	<1					
KH31MPC		<1	<1	<1	<1	2	<1	
KH32MPC								
KH4MPC								
KH22MP								

## HECLA PARK WATER SAMPLE IDENTIFICATION

SAMPLE	LOCATION
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HP-1-MP.....	WELL MAY #1
HP-2-MP.....	WELL BAY #1
HP-3-MPC.....	PUMPHOUSE BAY #1
HP-4-MPC.....	BAY #1 OUTSIDE TAP
HP-5-MPC.....	BAY #2 OUTSIDE TAP
HP-6-MPC.....	BAY #3 OUTSIDE TAP
HP-7-MPC.....	BAY #4 OUTSIDE TAP
HP-8-MPC.....	BAY #5 OUTSIDE TAP
HP-9-MPC.....	BAY #6 OUTSIDE TAP
HP-10-MPC.....	CABINS OUTSIDE TAP
HP-11-MPC.....	NORTH POINT OUTSIDE TAP
HP-12-MP.....	BUNKHOUSE TAP
HP-13-MP.....	MAINTENANCE YARD
HP-14-MW.....	SOUTH GROUP USE AREA HAND PUMP
HP-15-MW.....	PARK GATE HAND PUMP
HV-1-MP.....	HECLA VILLAGE HALL PUMP
HV-2-MP.....	DOCKSIDE FISH STATION PUMP
HV-3-MPC.....	HECLA VILLAGE HALL
HV-4-MPC.....	HISTORIC HOME
HV-5-MPC.....	HECLA VILLAGE SCHOOL VISITOR CENTRE

## 1999

[illegible]

## GRINDSTONE PARK WATER SAMPLE IDENTIFICATION

<u>CODE</u>	
BP.....	BLACK'S POINT
SB.....	SOUTH BEACH
BC.....	BEAVER CREEK
IVN.....	ISLANDVIEW NORTH
IVS.....	ISLANDVIEW SOUTH
NC.....	NORTH CLIFFS
PA.....	PICNIC AREA
BL.....	BOAT LAUNCH

#	LOCATION
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BP-1-MW.....	BIRCH CRESCENT ACROSS FROM LOT 1
BP-2-MW.....	TAMARACK WAY
BP-3-MW.....	BIRCH CRESCENT LOT 59
BP-4-MW.....	JACK PINE PLACE
BP-5-MW.....	POPLAR PLACE
BP-6-MW.....	BALSAM ROAD
BP-7-MW.....	BLACK'S POINT ROAD LOT 1
SB-12-MW.....	SOUTH BEACH ARROWWOOD LANE AND SNOWBERRY
IVS-13-MW.....	ISLANDVIEW SOUTH
IVN-14-MW.....	ISLANDVIEW NORTH
NC-15-MW.....	NORTH CLIFFS
PA-16-MW.....	PICNIC AREA NORTH CLIFFS
BL-17-MW.....	BOAT LAUNCH NORTH CLIFFS
BC-18-MW.....	BEAVER CREEK CAMPING AREA
BC-19-MW.....	BEAVER CREEK NORTH COTTAGE AREA

# GRINDSTONE WATER SAMPLE REPORT

1999

SAMPLE	DATE									
	05-19	06-02	06-16	06-30	07-14	07-28	08-11	08-25	09-08	
BP1MW	<1	<1	<1	<1	<1	<1	<1			
BP2MW										
BP3MW	<1	<1	<1	<1	2	<1		<1	10	
BP4MW	<1	<1	<1	<1	3	<1	<1	12	<10	
BP5MW										
BP6MW										
BP7MW	>200	18	168	O/G	9	102	2	4	460	
BP8MW										
BP9MW										
BP10MW										
SB11MW										
SB12MW	<1	<1	<1	21	62	38	4	10		
IVS13MW	<1	<1	<1		<1	<1	16	<10		
IVN14MW										
NC15MW										
PA16MW	5	<1	<1	1	<1	<1	8	5	<10	
BL17MW	<1	<1	<1	2	<1	<1	5	<1	<10	
BC18MW	<1	<1	<1	<1	<1	<1	<1	<1	<10	
BC19MW	<1	<1	<1	2	<1	<1	<1	<1	<10	

# **STEPHENFIELD PARK WATER SAMPLE IDENTIFICATION**

<u>SAMPLE</u>	<u>LOCATION</u>
1MP	RAW AT PUMPHOUSE
2MPC	TREATED AT PUMPHOUSE
3MPC	STANDPIPE ON DISTRIBUTION SYSTEM TREATED
4MPC	STANDPIPE ON DISTRIBUTION SYSTEM TREATED

## STEPHENFIELD WATER SAMPLE REPORT

1999

SAMPLE	DATE	05-19	05-27	06-08	06-23	07-07	07-20	08-04	08-17	08-31	
1MP		<1	<1	<1	<1	<1	<1	<1	<1	<1	
2MPC		<1	<1	<1	<1	<1	<1	<1	<1	8	
3MPC		<1	<1		<1		<1	<1		<1	
4MPC				<1		<1			<1		

TURTLE MOUNTAIN WATER SAMPLE IDENTIFICATION  
ADAM LAKE, MAX LAKE, WILLIAM LAKE & WAYSIDES

ADAM LAKE

SAMPLE	LOCATION	SAMPLE	LOCATION
AL-1-MP	PUMPHOUSE (RAW)	AL-2-MPC	PUMPHOUSE (TREATED)
AL-3-MPC	WASHROOM	AL-4-MW	WELL
AL-5-MPC	FOUNTAIN	AL-6-MPC	FOUNTAIN
AL-7-MPC	FOUNTAIN	AL-8-MPC	FOUNTAIN
AL-9-MPC	FOUNTAIN	AL-10-MPC	WASHROOM
AL-11-MPC	FOUNTAIN	AL-12-MPC	FOUNTAIN
AL-13-MPC	FOUNTAIN	AL-14-MPC	WASHROOM
AL-15-MPC	FOUNTAIN	AL-16-MPC	FOUNTAIN
AL-17-MPC	WASHROOM	AL-18-MPC	SHOWER BUILDING
AL-19-MPC	FOUNTAIN	AL-20-MPC	FOUNTAIN
AL-21-MPC	FOUNTAIN	AL-22-MPC	FOUNTAIN
AL-23-MPC	WASHROOM	AL-24-MPC	OFFICE
AL-25-MPC	SHOP	AL-26-MPC	LUNCH ROOM
AL-27-MPC	STAFF QUARTERS	AL-28-MPC	STAFF QUARTERS
AL-29-MPC	STAFF QUARTERS	AL-30-MPC	FOUNTAIN
AL-37-MPC	RANGER'S RESIDENCE	AL-32-MW	WELL #10
AL-33-MW	WELL, SEASONAL AREA	AL-34-MW	WELL, GROUP USE AREA
AL-35-MW	WELL, EQUESTRIAN	AL-36-MW	TURTLE L. HIKING TR
TM-1-MW	WELL, SCOUT CAMP		

MAX LAKE

ML-1-MP.....PUMPHOUSE (RAW)  
ML-2-MPC.....HOUSE  
ML-3-MPC.....FOUNTAIN  
ML-4-MPC.....FOUNTAIN  
ML-5-MW.....WELL

WILLIAM LAKE

WL-1-MP.....PUMPHOUSE (RAW)  
WL-2-MPC.....WASHROOM  
WL-3-MPC.....FOUNTAIN  
WL-4-MPC.....FOUNTAIN  
WL-5-MPC.....FOUNTAIN  
WL-6-MPC.....OFFICE  
WL-7-MPC.....STAFF QUARTERS  
WL-8-MW.....WELL

## 1999

[illegible]

## SPRUCE WOODS WATER SAMPLE IDENTIFICATION

<u>SAMPLE</u>	<u>LOCATION</u>
---------------	-----------------

1-MP.....	PUMPHOUSE (RAW)
2-MP.....	PUMPHOUSE (RAW)
1-MPC.....	SPRUCE WOODS OVERFLOW
2-MPC.....	GAMES AREA
3-MPC.....	JUNCTION BAY 3 & BAY 4
1-MW.....	CANOE CAMPGROUND #1
2-MW.....	STEEL'S FERRY
3-MW.....	RIDING STABLE #1
4-MW.....	RIDING STABLE #2
5-MP.....	STAFF QUARTERS-BROWN BLDG.
6-MP.....	STAFF QUARTERS-WHITE BLDG.
7-MP.....	SPRUCE WOODS SHOP
8-MP.....	SPRUCE WOODS LUNCH ROOM
9-MP.....	N.R.O. RESIDENCE
10-MW.....	MARSHS LAKE
11-MW.....	CABIN #2-EPINETTE
12-MW.....	CABIN #3-EPINETTE
13-MW.....	NORTH LOOP-EPINETTE
14-MW.....	SOUTH LOOP-EPINETTE
15-MW.....	JACKFISH LAKE
16-MW.....	CANOE CAMPGROUND #2 (DOMESTIC)
17-MW.....	CANOE CAMPGROUND #2 (HORSES)
18-MW.....	STAGING AREA, SPIRIT SANDS
19-MW.....	HIKING TRAIL
20-MW.....	DUNES
21-MW.....	OASIS
22-MP.....	DEVIL'S PUNCH BOWL
23-MW.....	CARBERRY OFFICE
24-MW.....	HOLLAND WAYSIDE HWY. #34
25-MP.....	SETON WAYSIDE HWY. #1

# CARBERRY WATER SAMPLE REPORT

1999

[illegible]

## DAUPHIN REGION WATER SAMPLE IDENTIFICATION

<u>SAMPLE</u>	<u>LOCATION</u>
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### RAINBOW BEACH

RB 1	RAW WATER AT PUMPHOUSE
RB 2	TREATED WATER AT PUMPHOUSE
RB 3	TREATED AT CONCESSION BUILDING
RB 4	OUTLET AT GROUP USE AREA

### MANIPOGO PARK

MP 1	RAW AT PUMPHOUSE
MP 2	TREATED AT PUMPHOUSE
MP 3	OUTLET IN WEST BAY
MP 4	OUTLET IN NORTH CAMPING AREA
MP 5	HAND PUMP IN NORTH CAMPING AREA

### ASESSIPPI PARK

AP 1MP	RAW AT PUMPHOUSE
AP 2MPC	TREATED AT MAINTENANCE YARD
AP 3MPC	TREATED AT CAMPGROUND
AP 4MPC	TREATED AT PAVILION/ FISH BLDG.

## 1999

SAMPLE	DATE						
	05-25	06-07	06-21	07-06	07-19	08-03	08-16
RAINBOW BEACH							
RB1	<1	<1	<1	<1	<1	<1	<1
RB2	<1	<1	<1	<1	<1	<1	<1
RB3	<1	<1	<1	<1	<1	<1	<1
RB4	<1	<1	<1	<1	<1	<1	<1
MANIPOGO PARK							
MP1	<1	<1	<1	<1	<1	<1	<1
MP2	<1	<1	<1	<1	<1	<1	<1
MP3	<1	<1	<1	<1	<1	<1	<1
MP4	<1	<1	<1	<1	<1	<1	<1
MP5	<1	<1	<1	<1	0/g	<1	<1

## MISSISSIPPI PARK

[illegible]

## SWAN RIVER WATER SAMPLE IDENTIFICATION

### CHILDS LAKE

CL1	RAW WATER AT PUMPHOUSE
CL2	TREATED WATER AT PUMPHOUSE
CL3	TREATED AT CAMPGROUND
CL4	TREATED AT OFFICE
CL5	HAND PUMP AT SEASONAL CAMPGROUND

### SINGUSH LAKE

SL1	HAND PUMP WAYSIDE
SL2	HAND PUMP SUBDIVISION

### BLUE LAKES

BL1	RAW WATER AT PUMPHOUSE
BL2	TREATED WATER AT PUMPHOUSE
BL3	TREATED WATER AT CAMPGROUND
BL4	TREATED WATER AT OFFICE
BL5	RAW WATER HAND PUMP AT PUMPHOUSE

### WELLMAN LAKE

WL1	RAW WATER AT PUMPHOUSE
WL2	TREATED WATER AT PUMPHOUSE
WL3	TREATED WATER AT CAMPGROUND
WL4	TREATED WATER AT OFFICE
WL5	HAND PUMP AT PICNIC SITE
WL6	HAND PUMP SUBDIVISION
PW 1	PRIMROSE WAYSIDE AT BIRCH RIVER (HAND PUMP)
WFL 1	WHITEFISH LAKE SEASONAL CAMPGROUND (HAND PUMP)
WFL 2	WHITEFISH LAKE
STR 1	STEEP ROCK LAKE CAMPGROUND HAND PUMP
STR 2	STEEP ROCK LAKE BEACH HAND PUMP
SW1	SPRINGWATER WAYSIDE (UNTREATED AT SOURCE)
SW2	SPRINGWATER WAYSIDE AT TAP (UNTREATED)
SR1	WAYSIDE 1 MILE NORTH OF SWAN RIVER
SR2	SWAN RIVER SHOP
BL 1	BELL LAKE WAYSIDE

# SWAN RIVER WATER SAMPLE REPORT 1999

SAMPLE	DATE	06-08	06-21	07-05	07-20	08-03	08-17	08-31	09-14
CHILDS L									
CL1		<1	<1	<1	<1	<1	<10	<1	<1
CL2		<1	<1	<1	<1	<1	<1	<1	<1
CL3		<1	<1		<1		<1		
CL4		<1		<1		<1		<1	<1
CL5		<1	<1	<1	<1	<1	<1	<1	
SINGUSH L.									
SL1		<1	<1	<1	<1	<1	<10	<1	<1
SL2		4	<1	<1	<1	<1	<10	<1	<1
BLUE L									
BL1		<10	<1	<1	<10	<10	<10	2	<1
BL2		<1	<1	<1	<1	<1	<1	<1	<1
BL3			<1		<1		<1	<1	
BL4		<1		<1		<1			<1
WELLMAN L									
WL1		10	O/G	<1	20	>200	110	33	19
WL2		<1	<1	<1	<1	<1	<1	<1	<1
WL3			<1		<1		<1		
WL4		<1		<1		<10		<1	<1
WL5		<1	<1	<1	<1	<1	<1	<1	<1
WL6		<1	<1	<1	<1	<1	<1	<1	<1
WAYSIDES									
PW1		<1	O/G	6	<1	>200	30	<1	2
WFL1		<1	<1	<1	<1	<1	<10	<1	<1
WFL2		<1	<1	<1	<1	<1	<10	<1	<1
STRL1		<1	<1	<1	<1	<1	<10	<1	<1
SW1									
SW2									
SR1		<1	<1	32	32	<1	<10	<1	<1
SR2		<1	3	<1	<1	<1	<10	<1	<1
BLW1		O/G	O/G	<1	<1	4	<10	<1	<1

**WESTERN REGION (VIRDEN) WATER SAMPLE IDENTIFICATION**

<u>SAMPLE</u>	<u>LOCATION</u>
<b>OAK LAKE</b>	
OL 1 MP	PRESSURIZED AT OAK LAKE PUMPHOUSE
OL 2 MPC	WATER STAND PIPE WEST OF SHOP (OAK LAKE)
OL 3 MPC	WATER STAND BETWEEN SHOP/WASHROOM (OAK LAKE)
OL 4 MPC	WATER STAND WEST OF WASHROOM (OAK LAKE)
<b>RIVERS</b>	
R 1 MP	RAW AT PUMPHOUSE RIVERS PARK
R 2 MPC	TREATED AT PUMPHOUSE RIVERS PARK
R 3 MPC	TREATED AT SITE 15 SEASONAL CAMPGROUND
R4MPC	TREATED AT SHOP
R 4 MW	HAND PUMP AT DAY USE AREA

# WESTERN (VIRDEN) WATER SAMPLE REPORT

## 1999

SAMPLE	DATE	05-31	06-16	06-29	07-26	08-04
<b>OAK LAKE</b>						
OL1MP		<1	<1	<1	<1	O/G
OL2MPC		<1	<1	<1	<1	4
OL3MPC		<1	<1	<1	<1	1
OL4MPC						

SAMPLE	DATE	05-31	06-15	06-29	07-13	07-28	08-18	08-30
<b>RIVERS PARK</b>								
R1MP		<1	<1	<1	<1	<1	<1	<1
R2MPC		<1	<1	<1	<1	<1	<1	<1
R3MPC			<1	<1		<1	<1	<1
R4MPC				<1	<1	<1	<1	<1
R4MW								

## **NORTHEASTERN (THOMPSON) REGION WATER SAMPLE IDENTIFICATION**

### **PAINT LAKE PROVINCIAL PARK**

<b>SAMPLE</b>	<b>LOCATION</b>
PL1MP	PUMPHOUSE RAW
PL2MPC	PUMPHOUSE TREATED
PL3MPC	MAINTENANCE SHOP TREATED
PL4MPC	BAY 1 TREATED
PL5MP	BAY 2 TREATED
PL6MPC	BAY 3 TREATED
PL7MPC	BAY 5 TREATED
PL8MPC	BUNKHOUSE TREATED
PL9MP	SHOWER BLDG. TREATED
PL10MPC	MARINA TAP TREATED
PL11MPC	BEACH WATER STAND

# THOMPSON WATER SAMPLE REPORT 1999

## PAINT LAKE

SAMPLE	DATE	02-16	03-01	03-15	04-14	05-10	05-25	06-08	06-21	07-05	07-19	07-26	07-28	08-04	08-16	09-01	09-13	09-27	10-04	10-12
PL1		<1	92	28	16	<1	<1	<1	5	58	140		140	32	20	20	330	50	50	
PL2		<1	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	<1	<1	<1	<1	<1	
PL3		<1	<1	<1	<10						<1					<1	<1		<1	
PL4						<1	<1				<1									
PL5										O/G		<1	<1							
PL6								<1			<1	<1		<1						
PL7					<1										<1					
PL8				<1		<1	<1				<1				<1		<1	<1	<1	
PL9													<1							
PL10		<1	<1	<1	<10	<1	<1	<1	<1	<1	<1	<1		<1		<1		<1		
PL11												<1								

SAMPLE	DATE	10-25	11-08	11-22	12-06	12-20
PL1		10	<10	10	4	6
PL2		<1	<1	<1	<1	<1
PL3		<1		<1	<1	<1
PL4						
PL5						
PL6						
PL7						
PL8			<1			
PL9						
PL10		<1	<1	<1	<1	<1
PL11						

## **CLEARWATER ( THE PAS ) WATER SAMPLE IDENTIFICATION**

### **SAMPLE LOCATION**

A1.....CAMPERS COVE RAW  
A2.....CAMPERS COVE SHOWER BLDG.  
A3.....CAMPERS COVE SHOWER BLDG.  
B1.....CAMPERS COVE WEST RAW  
B2.....CAMPERS COVE WEST TREATED  
B3.....CAMPERS COVE WEST TREATED  
C1.....CAMPERS COVE EAST RAW  
C2.....CAMPERS COVE EAST TREATED  
C3.....CAMPERS COVE EAST TREATED  
D1.....PIONEER BAY RAW  
D2.....PIONEER BAY TREATED  
D3.....PIONEER BAY TREATED

## 1999

[illegible]

## BAKER'S NARROWS AND GRASS RIVER PROVINCIAL PARK

### WATER SAMPLE IDENTIFICATION

#### BAKER'S NARROWS

<u>SAMPLE</u>	<u>LOCATION</u>
BN-1-MPC	TAP AT SITE #24 BAY C
BN-2-MPC	TAP AT SITE # 10E BAY B
BN-3-MPC	TAP AT SITE # 51 E
BN-4-MPC	TAP AT CAMPGROUND OFFICE
BN-5-MPC	TAP AT GROUP USE AREA
BN-6-MPC	TAP AT PICNIC AREA DAY USE
BN-7-MPC	TAP AT SITE # 66 SEASONAL LOOP
BN-8-MPC	MAINTENANCE SHOP
BN-9-MPC	LUNCH ROOM
BN-10-MPC	BLONDIES BEACH PUMPHOUSE TREATED
BN-11-MP	BLONDIES BEACH PUMPHOUSE RAW

#### GRASS RIVER PROVINCIAL PARK

GC 1MW	GYLES CAMPGROUND ACROSS FROM SITE 34
GC 2MW	GYLES CAMPGROUND AT SITE 8
GC 3MW	GYLES CAMPGROUND DAY USE PARKING AREA
GC 4MW	GYLES CAMPGROUND OFFICE
ILC 1MW	ISKWASUM CAMPGROUND PARKING LOT ENTRANCE
ILC 2MW	ISKWASUM CAMPGROUND SITE 32
ILC 3MW	ISKWASUM CAMPGROUND SITE 1
RLC 1MW	REED LAKE SITE 1
RLC 2MW	REED LAKE BETWEEN SITE 11 & 27
RLC 3MW	REED LAKE OLD SITE 44

# FLIN FLON/CRANBERRY PORTAGE

## WATER SAMPLE REPORT

1999

### BAKERS NARROWS

SAMPLE	DATE	06-13	06-28	07-19	08-03	08-16		
BN-1-MPC						<1		
BN-2-MPC								
BN-3-MPC			<1		<1			
BN-4-MPC		<1		<1		<1		
BN-5-MPC				<1				
BN-6-MPC			<1		<1	<1		
BN-7-MPC		<1						
BN-8-MPC		<1	<1	1	<1			
BN-9-MPC								
BN-10-MPC		<1	<1	<1	<1	<1		
BN-11-MP		<1	<1	<1	<1	<1		

### GRASS RIVER

SAMPLE	DATE	05-18	06-01	06-16	07-27	08-24	
GC1MW		<1	6	<1	32	>200	
GC2MW		<1	<1	<1	66	<1	
GC3MW		<1	<1	<1	0	<1	
GC4MW							
ILC1MW		<1	<1	1	0	>200	
ILC2MW		<1	<1	<1	0	<1	
ILC3MW		<1	<1	<1	0	29	
RLC1MW		<1	1	7	36	>200	
RLC2MW		<1	<1	1	>200	O/G	
RLC3MW		4	<1	<1	4	1	

## SNOW LAKE WATER SAMPLE IDENTIFICATION

### SAMPLE

### LOCATION

1MP.....PUMP HOUSE RAW CAMPGROUND

2MPC.....PUMPHOUSE TREATED

3MPC.....DISTRIBUTION SYSTEM

4MW.....HAND PUMP

1MP.....PUMPHOUSE RAW HELITAC BASE

2MPC.....PUMPHOUSE TREATED

3MPC.....DISTRIBUTION SYSTEM

# WEKUSKO PARK WATER SAMPLE REPORT

1999

SAMPLE	DATE	06-16	07-05	07-21	08-22
1MP		<1	19	<1	90
2MPC		<1	<1	<1	<1
3MPC		<1	<1	<1	<1
4MW		15		O/G	>200
1MP		<1	4	320	390
2MPC		<1		<1	<1
3MPC		1	>200	<1	<1